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Patent  
Attorney's Docket No. 003250-225

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )

Mats CEDERVALL et al. )

Application No.: 09/549,559 )

Filed: April 14, 2000 )

For: METHOD AND APPARATUS )  
FOR INTERFERENCE )  
REJECTION )

Group Art Unit: 2734

Examiner: Unassigned

GROUP 2700

JUL 06 2000

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**SUPPLEMENTAL PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS**

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1. (Amended) Method of rejection of noise and interference from a received combination signal by estimation of the desired signal having in addition to noise and interference been distorted by a communication channel through which the modulated transmitted desired signal has been passed, [characterized by] comprising the following steps:

- a) receiving a signal as a combination of noise, interference and the distorted desired signal through one or more antennas[.];
- b) separating the received signal into a real and an imaginary part[.];
- c) modeling the noise and interference component as a filtered process[.];